

2012 WSU Variety Testing Pea Trial Summary, Farmington

Variety Name	Type	2 Year Average (Lbs/A)	2012				
			Yield (Lbs/A)	100 Seed Weight (Grams)	Plant Height (In)	Canopy Height (In)	Erect Index
PS07100471	Green	2860	2640	22.1	28	28	1.00
PS03101445	Green	2980	2580	21.8	24	22	0.94
PS05100735	Green		2520	22.8	23	22	0.97
PS07100470	Green	2800	2510	23.3	25	25	0.97
PS03101822	Yellow	2930	2510	24.7	19	19	1.00
Pro 7040	Green		2480	20.4	22	22	1.00
Pro 091-7137	Green	2770	2430	20.8	22	22	1.00
PS05100736	Green	2680	2400	22.9	24	21	0.89
PS08101004	Yellow		2360	23.8	23	19	0.86
PS08101108	Yellow		2300	25.1	19	18	0.94
Banner	Green	2610	2270	22.1	24	24	1.00
PS05100840	Green	2630	2240	20.8	27	27	1.00
PS07ND0190	Green		2210	20.7	32	32	1.00
Ariel	Green	2550	2200	19.4	23	23	1.00
Pacifica	Green	2610	2190	23.5	27	25	0.97
Carousel	Yellow	2720	2170	23.3	29	29	1.00
Aragorn	Green	2360	2100	22.9	24	24	1.00
Pro 793	Yellow		2090	29.0	27	27	1.00
PS07100925	Yellow		2090	23.7	24	24	1.00
NDP080111	Green	2380	2010	19.5	33	33	1.00
Pro 822	Yellow	2710	1960	27.4	24	24	1.00
Pro 081-7116	Green	2480	1950	24.0	23	23	1.00
Universal	Yellow	2600	1880	24.9	26	27	1.00
Columbian	Green	2100	1550	18.9	37	9	0.25
C.V. %		7	6	3.6	7	9	6.19
LSD (.10)		140	150	0.9	2	2	0.06
Average		2630	2240	22.8	25	24	0.95
Highest		2980	2640	29.0	37	33	1.00
Lowest		2100	1550	18.9	19	9	0.25

2012 WSU Farmington Spring Dry Pea - Preliminary Data

1. Seed yield in 2012 the Farmington spring dry pea variety trial averaged 2240 pounds/acre, 740 pounds/acre lower than the 2011 average yield. The Farmington nursery was located about three miles south of Farmington, WA (Bruce Nelson, cooperator).
2. This nursery was seeded on 17 May, 2012. Seed was placed at an 8 seed/sq.ft. rate (approximately 150 lb/acre for average seed weight) using a double-disk plot drill set on 6-inch spacing. Seeding was later than desirable.
3. Yields ranged from 1550 pounds/acre to 2640 pounds/acre. Yield values within the LSD range of the highest yield are shown in bold and 5 of the 30 entries are in this group. 'Banner' was the highest yielding green variety and 'Carousel' was the highest yielding named yellow variety in this trial.
4. Seed weights were high and averaged 22.8 grams/100 seed and ranged from 18.9 to 29.0 grams/100 seed. The average plant height was 25 inches and the plant erect index (0-1.0) averaged 0.95.